Ananya Poddar

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EDUCATION

University of Toronto   Sept 2019 - Apr 2024 (Expected)
HBSc Candidate - Computer Science Specialist and Statistics Minor (Co-op)   **cGPA: 3.94/4.0**
Awards: Dean's List (2019 - 2021), University of Toronto Scholar, Ken Sevcik Bursary in Computer Science

TECHNICAL SKILLS

Languages: Java, Python, C, Javascript (ES6), Golang, SQL
Tools and Frameworks: ReactJS, Spring Boot, Node.js, MongoDB, Git, Unix, Docker, Kubernetes, Ansible, Figma

EXPERIENCE

Software Developer Intern | Manulife   Sept 2021 - Apr 2022
- Developing audit tool using Golang, Github API, and React to save 100+ hours of manual queries
- Accelerating development of open-source tool using Node.js for JSON:API conventions among 1000s of engineers
- Architecting and implementing microservices using Spring MVC to spearhead new standard for 1000+ engineers

Software Engineer Intern | Index Exchange   Jan 2021 - Apr 2021
- Integrated and deployed dashboard to automate and manage 100+ weekly deployments across 6000+ servers
- Implemented shell scripts and CI/CD pipelines to automate and standardize deployment process for 250+ engineers
- Containerized and scaled 10+ applications using Docker and Kubernetes to meet increased payload requirements

Software Developer | Giants Network Inc.   Aug 2020 - Present
- Designing and developing web portal using MERN stack to connect 40+ organizations with 300+ youth leaders
- Interfaced with key stakeholders to gather requirements for new platform, resulting in 200% increase in new users

Teaching Assistant | University of Toronto   Sept 2021 – Present
- Teaching proof techniques and calculus concepts through tutorials and office hours for 30+ computer science students

PROJECTS

EcoBlock - Sustainable Proof of Stake Blockchain   *Google Cloud Vision API, Flutter, Firebase*
- Designed and implemented digital wallet using Flutter, and linked it to database to manage user information
- Leveraged Google Cloud Vision API to verify and reward users for utilizing green energy sources
- Team won 1st place for best use of Google Cloud at Hoohacks, among 1300+ participants

Mock Command Line Interface   *Java, JUnit, Java Speech API*
- Led an Agile team of 4 to implement mock bash shell commands and simulate file system management
- Leveraged OOP, TDD, and dependency injection principles to create optimized testable and extensible code
- Received 100% pass rate on all tests by implementing 100+ JUnit tests

HomeyBot - Discord bot for Server Safety   *Python, Google Cloud Natural Language AI, Vision API, Firebase*
- Developed bot for server-wide censoring of inappropriate content and graphic images based on voting system
- Team won 1st place for best connected device, among 500+ participants

EXTRACURRICULARS

Computer Science Undergraduate Research Group | University of Toronto   Sept 2019 - Present
- Evaluating efficacy of computer science education methods through a literature review, alongside Professor and peers

Math In Motion Conference Volunteer | University of Toronto   Nov 2020
- Organized and lead workshops and lectures for 100+ high school girls to encourage pursuit of math and engineering